

SITE SPECIFIC IMPACT EFFECTS WORKSHEET FOR RANGELAND, NUMBER 3:

TECHNICAL GUIDE - SECTION III  
STATE - WYOMING  
FIELD OFFICE \_\_\_\_\_  
DATE \_\_\_\_\_

RESOURCE SETTING: Intermountain Foothills, & Basins; 5-9" Ppnt.; MLRA's 32, 34, 46,47; Ly, SwLy, Sy, SwSy sites; Slopes 5-20%; Checkerboard private, state, & federal (BLM) ownership.

CURRENT SITUATION: Season-long grazing-Winter w/sheep, spring through fall w/cow/calf; Antelope & deer, Limited surface water; Fair range condition w/> 30% big sagebrush canopy on deeper soils; Wildlife habitat rating <.4; No known unique local cultural values; Operator goals include maintain quality of life, improve efficiency of operation, & increase forage quality & quantity.

PROBLEM IDENT: Excessive soil erosion, mainly from concentrated water flow; Poor grazing & water distribution; Lack of mosaic or plant diversity due to thick, decadent stands of big sagebrush; Riparian lacks species diversity from prolonged concentration of grazing animals next to water; Two track erosion on steeper slopes.

RESOURCE PROBLEMS/ASPECTS																
RESOURCE MANAGEMENT SYSTEMS OPTIONS		SOIL EROSION	SOIL EROSION	SOIL EROSION	WATER QUALITY	WATER QUALITY	WATER QUALITY	AIR QUALITY	AIR QUALITY	PLANTS SUIT.	PLANTS CONDIT.	PLANTS CONDIT.	PLANTS MGT.	ANIMAL HABITAT	ANIMAL HABITAT	ANIMAL HABITAT
(Code)	Practices	Sheet & Rill	Gully	Wind	Water Infil- tration	(Surface) Pesticides	(Surface) Sediment	Safety - Sediment and/or Smoke On-site    Off-site		Suit. for Intended Use	Prod. - Kind,Amt. Distrib.	Health & Vigor	Pests- Brush, Weeds	Food	Cover or Shelter	Quan./Qual. Drinking Water
(560)	Access Road	NA	+2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(314)	Brush mgt. w/2,4-D	+1	+2	+1	+2	+2D	0	+1	+1	+2	+3	+3	+3	+2	+1	0
(378)	Pond	0	0 to +3	NA	0	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+2
(528)	Proper Grazing Use	+2	+2C	+2	+2	0	+2	+2	+2	+2	+2	+2	+1	+2	+2	0
(645)	Wild. Up. Hab. Mgt	0	0	0	0	0	+1	0	0	+1	+1	+1	0	+3	+3	0
(528)	Proper Grazing Use	+2	+2C	+2	+2	0	+2	+2	+2	+2	+2	+2	+1	+2	+2	0
(642)	Well	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
(614)	Trough or Tank	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
(382)	Fencing (grazing sys.)	A	A	A	A	NA	A	A	A	A	A	A	A	A	A	A
(516)	Pipeline	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
(556)	Planned Grazing System	+3	+3C	+3	+3	0	+3	+3	+3	+3	+3	+2	+1	+2	+2	+1
(645)	Wildlife Up. Hab. Mgt.	0	0	0	0	0	+1	0	0	+1	+1	+1	0	+3	+3	0

+ = positive effect, - = negative effect; 1 = slight effect, 2 = moderate effect, 3 = significant effect; NA = Not Applicable.

A = Depends on practice facilitated, B = short term, C = depends on salt & mineral placement, D = positive effect from using our Stds. & Specs.

E = positive avoidance of chemicals, F = may be negative depending on wildlife species, G = positive nesting & hiding cover for birds

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RESOURCE MANAGEMENT SYSTEMS OPTIONS		SOIL EROSION	SOIL EROSION	SOIL EROSION	WATER QUALITY	WATER QUALITY	WATER QUALITY	AIR QUALITY	AIR QUALITY	PLANTS SUIT.	PLANTS CONDIT.	PLANTS CONDIT.	PLANTS MGT.	ANIMAL HABITAT	ANIMAL HABITAT	ANIMAL HABITAT
(Code)	Practices	Sheet & Rill	Gully	Wind	Water Infil- tration	(Surface) Pesticides	(Surface) Sediment	Safety - Sediment and/or Smoke On-site Off-site		Suit. for Intended Use	Prod. - Kind,Amt. Distrib.	Health & Vigor	Pests- Brush, Weeds	Food	Cover or Shelter	Quan./Qual. Drinking Water
RMS No. 1																
(560)	Access Road	NA	+2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(314)	Brush mgt. w/2,4 D	+1	+2	+1	+2	+2D	0	+1	+1	+2	+3	+3	+3	+2	+1	0
(378)	Pond	0	0 to +3	NA	0	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+2
(528)	Proper Grazing Use	+2	+2C	+2	+2	0	+2	+2	+2	+2	+2	+2	+1	+2	+2	0
(645)	Wild Up. Hab. Mgt	0	0	0	0	0	+1	0	0	+1	+1	+1	0	+3	+3	0
RMS No. 2																
(560)	Access Road	NA	+2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(314)	Brush Mgt. w/Tebuthiuron	+1	+2	+1	+2	+2D	0	+1	+1	+2	+3	+3	+3	+2	+2	0
(528)	Proper Grazing Use	+2	+2C	+2	+2	0	+2	+2	+2	+2	+2	+2	+1	+2	+2	0
(645)	Wild Up. Hab. Mgt.	0	0	0	0	0	+1	0	0	+1	+1	+1	0	+3	+3	0
(642)	Well	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
(614)	Trough or Tank	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
RMS No. 3																
(560)	Access Road	NA	+2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
(314)	Brush Mgt. w/Burn	+1	+2	-1B to +1	+2	+3E	0	+2D	+3D	+2	+3	+3	+3	+2	+3	0
(382)	Fencing (grazing sys.)	A	A	A	A	NA	A	A	A	A	A	A	A	A	A	A
(516)	Pipeline	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
(556)	Planned Grazing System	+3	+3C	+3	+3	0	+3	+3	+3	+3	+3	+2	+1	+2	+2	+1
(528)	Proper Grazing Use	+2	+2C	+2	+2	0	+2	+2	+2	+2	+2	+2	+1	+2	+2	0
(614)	Trough or Tank	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
(642)	Well	+1A	+1A	+1A	+1A	NA	+1A	0	0	NA	+1A	+1A	0	+1A	+1A	+3
(645)	Wildlife Up. Hab. Mgt.	0	0	0	0	0	+1	0	0	+1	+1	+1	0	+3	+3	0

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